

Title (en)  
VIBRATION-TYPE ACTUATOR

Title (de)  
AKTOR DES VIBRATIONSTYPS

Title (fr)  
ACTIONNEUR DE TYPE À VIBRATIONS

Publication  
**EP 2080263 B1 20150812 (EN)**

Application  
**EP 07830228 A 20071011**

Priority  
• JP 2007070494 W 20071011  
• JP 2006302756 A 20061108

Abstract (en)  
[origin: WO2008056528A1] A vibration-type actuator having a vibrating body adapted to be deformed for driving and mounted with a contact member having a spring function. The contact member is comprised of a protruding portion adapted to be in contact with a driven body and fixing portions fixed to the vibrating body, and is provided with converting portion disposed between the projecting portion and the fixing portions. The converting portions each have an inclined surface obliquely extending relative to a contact surface provided in the protruding portion for contact with the driven body and extending to a side opposite from the contact surface. The converting portions convert a change in relative distance between the fixing portions caused by deformation of the vibrating body into a displacement of the contact surface.

IPC 8 full level  
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**H02N 2/0015** (2013.01 - EP US); **H02N 2/002** (2013.01 - EP US); **H02N 2/0065** (2013.01 - EP US); **H02N 2/026** (2013.01 - EP US); **H02N 2/163** (2013.01 - EP US)

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